

Title (en)
POLYCARBONATE-ABS-BASED ALLOY RESIN COMPOSITION HAVING EXCELLENT PLATING ADHESIVE STRENGTH, AND MOLDED PRODUCT COMPRISING SAME

Title (de)
AUF POLYCARBONAT-ABS BASIERENDE LEGIERUNGSHARZZUSAMMENSETZUNG MIT SEHR GUTER PLATTIERUNGSHAFTFESTIGKEIT UND GEFORMTES PRODUKT DAMIT

Title (fr)
COMPOSITION DE RÉSINE DE TYPE ALLIAGE POLYCARBONATE-ABS AYANT UNE EXCELLENTE FORCE D'ADHÉRENCE À UN PLACAGE, ET PRODUIT MOULÉ LA CONTENANT

Publication
EP 3202850 A4 20171213 (EN)

Application
EP 16847595 A 20160926

Priority
• KR 20150154968 A 20151105
• KR 2016010744 W 20160926

Abstract (en)
[origin: EP3202850A1] The present disclosure relates to a polycarbonate-ABS based alloy resin composition having superior plating adhesion and a molded article manufactured therefrom. More particular, the present disclosure relates to a polycarbonate-ABS based alloy resin composition having superior plating adhesion due to inclusion of (a) 35 to 75 % by weight of a polycarbonate resin; (b) 5 to 35 % by weight of a copolymer prepared by polymerizing a conjugated diene rubber having an average particle diameter of 0.6 to 1.5 μm , an aromatic vinyl compound, and a vinyl cyanide compound; (c) 5 to 20 % by weight of a copolymer prepared by polymerizing a conjugated diene rubber having an average particle diameter of 0.2 μm or more and less than 0.6 μm , an aromatic vinyl compound, and a vinyl cyanide compound; (d) 5 to 20 % by weight of a copolymer prepared by polymerizing a conjugated diene rubber having an average particle diameter of 0.1 to 0.3 μm , an aromatic vinyl compound, and a (meth)acrylate compound; and (e) 0 to 40 % by weight of an aromatic vinyl compound-vinyl cyanide compound copolymer, and a molded article including the polycarbonate-ABS based alloy resin composition. In accordance with the present disclosure, a polycarbonate-ABS based alloy resin composition having superior plating adhesion as well as superior mechanical properties, and a molded article including the polycarbonate-ABS based alloy resin composition.

IPC 8 full level
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CPC (source: EP US)
B29C 48/92 (2019.01 - EP US); **C08J 3/005** (2013.01 - EP US); **C08J 5/00** (2013.01 - US); **C08L 25/12** (2013.01 - US); **C08L 55/02** (2013.01 - US); **C08L 69/00** (2013.01 - US); **B29C 2948/92704** (2019.01 - EP US); **C08J 2369/00** (2013.01 - EP US); **C08L 51/04** (2013.01 - EP US); **C08L 2205/035** (2013.01 - EP US)

C-Set (source: EP US)
C08L 69/00 + C08L 55/02 + C08L 55/02 + C08L 51/04 + C08L 25/12

Citation (search report)
• [Y] US 2011159293 A1 20110630 - PARK JUNG-EUN [KR], et al
• [Y] JP 2002294059 A 20021009 - MITSUBISHI ENG PLASTICS CORP
• [A] US 2013203909 A1 20130808 - KULKARNI AMIT S [US], et al
• See references of WO 2017078273A1

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